



Skykomish & Snohomish Rivers

Regulatory Signage Design Intent: Final

PREPARED FOR SNOHOMISH COUNTY PARKS,
RECREATION AND TOURISM
12/27/2019



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PROJECT REQUIREMENTS

FABRICATOR PERFORMANCE & MATERIAL REQUIREMENTS

This document has been assembled by Tangram Design, LLC (Tangram) for Snohomish County Parks, Recreation and Tourism (Owner) with the expectation that the fabricator shall meet the following quality and performance requirements. The acceptance of these drawings by the Fabricator constitutes agreement to comply with the following conditions. The Owner will hold the Fabricator to these requirements as part of their contractual obligations.

1.0 GENERAL

1.1 Proprietary Information Non-Disclosure Agreement

All ideas, designs, arrangements and plans indicated or presented by these drawings are the property of the Owner, and were created for use in connection with the specified project. The information in this document is confidential and shall not be disseminated to anyone other than the Owner, Tangram, or the Fabricator’s personnel necessary to execute the contract, without the written permission of Owner.

In addition, the Fabricator must request and receive written approvals from the Owner to use images of any completed element. The Fabricator is responsible for ensuring that credit indicating Tangram Design, LLC as the Designer will accompany all images and articles related to the project. The Owner may have additional requirements or restrictions for which the Fabricator is also responsible.

1.2 Design Intent Drawings

The “design intent” drawings contained in this document are for the sole purpose of expressing visual design intent and are not intended for construction purposes. All aspects of fabrication, installation, and any resulting working drawings, shop drawings, submittals and contract documents are the responsibility of the Fabricator. Within the design intent drawings:

- All written dimensions take precedence over dimensions otherwise implied by drawing scale, figures, etc.
- Large scale details take precedence over the smaller scale drawings.
- Specific recommendations for materials, colors, and content take precedence over representations shown in drawings.

Prior to execution of the contract, Fabricator shall carefully review all the Contract Documents, Design Intent Drawings, Specifications, and/or instructions for any conflicts or ambiguities. Fabricator will identify any conflicts or ambiguities in writing to Owner prior to execution of the agreement.

2.0 PRE-FABRICATION REQUIREMENTS

2.1 Proposal

Copies of all pricing and bid information shall be sent to the Owner. The Fabricator shall base their proposal on the performance of all items of service including labor, operations, materials, accessories, incidentals, services and equipment indicated, specified, mentioned, scheduled or implied to complete fabrication and installation of the specified work. Full compliance with these Fabricator Performance and Material Requirements will be required.

Fabricator proposes and agrees to perform all work and/or services as specified in the bid and design intent documents for the prices and within the times indicated in the bid and in accordance with the other terms and conditions of the Contract. Fabricator does not consider that any further examinations, investigations, explorations, tests, studies, specifications, or data is necessary for the determination of this bid for performance of the work and/or services. Fabricator is satisfied as to the general, local and site conditions that may affect cost, progress, and performance of the work and/or services.

It is the responsibility of each Fabricator to verify the availability of material(s), delivery schedules, fabrication and manufacturing schedules and other pertinent data prior to submission of their proposal; and the responsibility of the successful respondent to provide same after award of the project. It is the responsibility of the respondent to notify the Owner immediately if material(s) specified are discontinued, replaced, or not available for an extended period of time. The Owner reserves the right to charge back additional costs, including but not limited to, freight, special handling, and purchase price difference due to delays, etc., to the successful respondent when items are not supplied as proposed.

The Fabricator is encouraged to make recommendations for specific changes only if they will improve the quality or cost-effectiveness of fabrication while preserving Tangram’s visual design intent shown in the document. Recommendations shall be noted at time of bid with alternative cost. However, any such substitutions must be approved in writing by the Owner prior to fabrication. Should the Fabricator be contracted based on a proposal that assumes substitutions that have not been properly approved, the Fabricator shall be responsible for providing all elements as originally indicated at their own expense.

Fabricator has given the Owner written notice of all conflicts, errors, ambiguities or discrepancies that the respondent has discovered in the bid documents, and the written resolution thereof by the Owner is acceptable to respondent. The bid documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the work and/or services for which this bid is submitted.

2.2 Performance

The Fabricator shall and will, in good quality manner, do and perform all work and furnish all supplies and materials, machinery, equipment, facilities, and means, except as herein otherwise expressly specified, necessary or proper to perform and complete all the work required, within the time specified. The Fabricator shall furnish, erect, maintain, and remove such construction plant and such temporary works as may be required. The Fabricator shall observe, comply with, and be subject to all terms, conditions, requirements, and limitations of the contract and specifications, and shall do, carry on, and complete the entire work to the satisfaction of the Owner.

Fabricators are expected to examine all Drawings, Specifications, instructions and/or requirements of this design intent document and corresponding documents. Failure to do so will be at the respondent’s risk. All referenced documents must be considered in preparation of Fabricator’s proposal. The Owner assumes no responsibility for errors or misinterpretations resulting from the use of the bid or design intent documents.

2.3 Subcontracting

The Fabricator may utilize the services of specialty subcontractors on those parts of the work that under normal contracting practices are performed by specialty fabricators. The Fabricator must be able to perform a majority of the work at their own facility. Subcontractors shall have a supportive role to the project and should not individually or collectively have a higher percentage of work to perform than the Fabricator. The Fabricator shall be as fully responsible to the Owner for the acts and omissions of their subcontractors, and of persons either directly or indirectly employed by them, as the Fabricator is for the acts or omissions of persons directly employed by the Fabricator.

2.4 Shop Drawings

The Fabricator shall submit for review and approval shop drawings of all fabricated items, product data and samples to the Owner. This submission shall consist of detailed drawings that indicate all materials, finishes, construction details, lighting requirements, installation details, and artwork, including locations of all material seams. Drawings shall include elevations, plans, sections, and notes as required to clearly convey fabrication intent.

The Owner shall advise and review all shop drawing submittals for fidelity and conformance with the design intent drawings. Upon review, the Fabricator shall make all Owner requested revisions and resubmit as required. A complete set of approved shop drawings must be received from the Owner before production may begin. Required submittals must be issued in adequate time to coordinate a two week review and approval process without delaying the project schedule.

2.5 Paint and Vinyl Samples

The fabricator will provide samples of all paints and vinyls used in the project for review and approval by Owner. Paint samples must include all paint layers that would be used on the final product (i.e. primer, topcoat, clear coat etc.) Paint, vinyl samples and shop drawings are to be reviewed and approved by the Owner before full fabrication shall commence. If final product does not meet quality standards during the punch-list review, the sign type may have to be fixed or replaced.

3.0 FABRICATION & INSTALLATION REQUIREMENTS

3.1 Permitting & Regulation Compliance

The Fabricator is responsible for securing and paying for all permits, insurances, inspections, and tests required by governmental agencies. The Fabricator is also responsible for verifying and ensuring compliance with all ADA, OSHA, environmental regulations, and all other applicable governing code requirements. Fabrication of signage shall be designed to meet local building codes and climatic/geographic design criteria including ASCE 7, Basic Wind speed of 130mph. All required resolutions or revisions to construction details must be approved by the Owner prior to production.

3.2 Structural Requirements

The Fabricator shall follow Tangram’s drawings for exterior visual appearance, but designs of internal structure, engineered connections, mounting assemblies, and foundations are by the Fabricator. Structural design shall utilize self-supportive framing and prevent irregularities in exposed surfaces. The Fabricator shall provide the Owner with calculations for all structural members and foundations and they must be sealed by certified engineers registered in the state of installation, prior to fabrication. The Fabricator shall provide the Owner with a list of support and/or blocking requirements, and approximate weights for each element as required after final shop drawing approval. The Fabricator’s installation responsibilities include the provision of any required footings, anchor bolts, or fastenings. All point-of-connection coordination is the responsibility of the Fabricator.

3.3 Labeling

Visible labels, manufacturer’s or otherwise, code permitting, shall not appear on any completed element. The placement of any required labels must be approved by the Owner prior to application and installation.

3.4 Artwork & Fonts

All final copy layouts are the responsibility of the Fabricator. The Fabricator shall legally acquire, at their own expense, all project fonts from the specified distributors, as necessary. The Owner will not provide copies of licensed fonts.

3.5 On-Site Coordination and Installation

All installation will be coordinated with the Owner. No installation shall be permitted without sign-off of construction and final location approval through the Owner. The Fabricator shall field verify all measurements indicated on drawings to establish correctness.

Fabricator shall examine the site prior to executing an agreement with the Owner so as to reasonably ascertain the nature of the work and the various conditions affecting the work. The Fabricator is responsible for field verification and coordination of the final location. The Fabricator shall notify the Owner of any discrepancies between Tangram’s drawings and field conditions prior to sign fabrication. All required resolutions or revisions to construction details or installation processes must be approved by the Owner prior to production.

The Fabricator shall keep the site reasonably free from debris, trash and construction wastes resulting from the performance of the work. The Fabricator shall be responsible for cleaning up all work areas upon the completion of work on a daily basis. Upon completion of the work, Fabricator shall remove all debris, trash, construction wastes, materials, equipment, machinery and tools arising from the work. All finish surfaces at the base of the sign (lawn, mulch, brick, etc.) shall be repaired to match existing finish grade.

All installed items shall be left in a clean and as-new condition. The Fabricator shall be fully responsible for the security and quality of all equipment, materials, and installed components until they have been reviewed and accepted by the Owner. All installations are to be level and plumb or will not be accepted. Immediately after erection, clean bolted connections and abraded areas of shop paint. Paint exposed areas with same paint of finish used for shop painting. If marred areas cannot be adequately touched up on site, the sign will be returned to the shop for controlled refinishing.

3.6 Inspection

At all reasonable times, Fabricator shall provide sufficient facilities for inspection of the work by Owner at the site and at all locations where portions of the work are in progress or various stages of completion. When appropriate portions of the work are ready for inspection, Fabricator shall notify the Owner.

3.7 Safety

The Fabricator recognizes the importance of performing the work in a safe manner so as to prevent damage, injury or loss to (i) all individuals at the site, whether working or visiting, (ii) the work, including materials and equipment incorporated into the work or stored on-site or off-site, (iii) the work of others on the project, and (iv) all other property at the site or adjacent thereto. Fabricator assumes responsibility for implementing and monitoring all safety precautions and programs related to the performance of the work.

The Fabricator shall be responsible for providing barricade or protective coverings as necessary to safeguard the public and property during the performance and duration of their work. The Fabricator shall be fully responsible for any injuries to the public or damage to the buildings, site, and adjacent objects during installation.

4.0 MATERIAL STANDARDS

All materials, hardware, and finishes used to fabricate any and all components shall be new (i.e. not previously used or operated in any other application) from the most recent manufacturer’s production supply and free from any defects impairing strength, durability or appearance.

All letters forms shall be aligned to maintain a base line parallel to the sign format. Margins must be maintained as specified by type grids in the drawings.

4.1 Metals

Metals shall be the best commercial quality for the purposes specified and free from defects impairing strength, durability, or appearance. All joints must be welded, filled, ground and sanded smooth prior to painting to insure an uniform surface. All sheet metal shall have brake formed edges with radii not greater than sheet thickness. All metals must be treated to prevent corrosion and staining of other finishes. All aluminum materials must be thoroughly sanded to remove oxidation and primed prior to painting to insure maximum paint adhesion.

4.2 Fasteners

All exposed fasteners shall be tamper-proof, resistant to oxidation and other corrosion, and painted to match adjacent surfaces. Concealed fasteners must be resistant to oxidation and other corrosion to prevent staining of other finishes. Nuts and bolts used on the footers and breakaway bases are to be anti-corrosive and galvanized.

4.3 Paints & Finishes

All paints and finishes shall match exactly the color, finish, and texture noted. The fabricator is to apply primer, top coat, and clear coat to all painted surfaces as follows. Use Tape IT Accelerator SM166A as needed to speed up the drying process. Paint shall be:

- Metal Pretreatment 74 734SP
- Matthews Paint Conventional Topcoat
- Matthews Paint Satin Clear 42 228SP

Unless otherwise noted, all pretreats, primers, coatings, and finishes shall be applied in strict accordance with the paint manufacturer’s specifications to provide the highest level of ultraviolet light resistance, weatherability, and overall longevity for both the materials indicated, and the environmental conditions of the final install locations. A polyurethane clear coating shall be applied to seal the paint and preserve the surface from wear and oxidation.

Paints and finishes shall be warranted against color fading, UV damage, cracking, peeling, blistering, and other defects in materials or workmanship for a minimum of five years from date of Owner’s acceptance. All paints shall be evenly applied without pinholes, scratches, orange peeling, application marks, and other imperfections. Workmanship with finishes and formation of letters shall conform to the highest standards of the trade.

4.4 Vinyl Film

All vinyl sheeting shall match exactly the color, finish, and durability of the manufacturers product as noted. Unless otherwise noted, all vinyl sheeting shall be installed in strict accordance with the manufacturer’s specifications to provide the highest level of ultraviolet light resistance, weatherability, and overall longevity for both the materials indicated, and the environmental conditions of the final install locations. Vinyl sheeting shall be warranted against color fading, UV damage, de-lamination, or peeling for a minimum of five years from date of Owner’s acceptance. All vinyl cutting shall be executed in such a manner that all edges and corners of finished letter forms are true and clean.

3M™ High Intensity Prismatic Reflective Sheeting 3930DS (White) shall be used for all reflective sheeting printing. All reflective sheeting surfaces shall be sealed with 3M™ Electrocut™ Film Series 1170 (Clear). All digitally printed vinyls shall be warranted from excessive fading, discoloring, cracking, crazing, peeling, and blistering, for 8 years from the fabrication date.

5.0 PROJECT COMPLETION

5.1 Review & Punch List

The Fabricator shall notify both the Owner in writing when all work is completed. Upon notice, the Owner will review all work according to their contract with the Owner and prepare a punch list outlining incomplete or unsatisfactory items. The repair or replacement of work outlined on the punch list shall be coordinated between the Fabricator and the Owner. Fabricator shall correct any of the work that is found not to be in conformance at their own expense.

5.2 Correction of Work

All work, all materials whether incorporated in the work or not, all processes of manufacture, and all methods of construction shall be at all times and places subject to the inspection of the Owner who shall be the final judge of the quality and suitability of the work, materials, processes of manufacture, and methods of construction for the purposes of which they are used. Should they fail to meet the Owner’s approval, they shall be forthwith reconstructed, made good, replaced and/or corrected, as the case may be, by the Fabricator at the Fabricator’s expense. Rejected material shall immediately be removed from the site. If, in the opinion of the Owner, it is undesirable to replace any defective or damaged materials, or to reconstruct or correct any portion of the work injured or not performed in accordance with the contract documents, the compensation to be paid to the Fabricator shall be reduced by such amounts as in the judgment of the Owner shall be equitable.

5.3 Final Deliverables

Upon the Owner’s acceptance of the work, the Fabricator shall provide the Owner with a complete service and maintenance manual for all products and finishes installed under their contract. This manual shall include, but is not limited to, product specifications such as manufacturer information, contact names and addresses, warranty information, technical data, and routine maintenance recommendations.

5.4 Warranties

All warranty periods shall begin on the date of the Owner’s acceptance of the work. All warranties shall include the materials and labor required to replace defective components. All installed elements shall be warranted against manufacturer defects for a minimum of two years, and all installed elements shall be warranted against defects in installation or workmanship for a minimum of two years.



SIGN COUNT

SIGN QUANTITY

SIGN TYPE	DESCRIPTION	QUANTITY
1.A	Small Regulatory	29
1.B	Small Regulatory	7
2.A	Medium Regulatory	3
3.A	Large Regulatory	8
4.A	3 Panel Regulatory	6
4.B	2 Panel Regulatory	4
5.A	River Information	8
6.A	River Classification	6
7.A	Site Rules & Regulations	16



GRAPHIC ELEMENTS

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890&?

ROBOTO CONDENSED BOLD

*ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890&?*

ROBOTO CONDENSED MEDIUM

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890&?

ROBOTO CONDENSED REGULAR

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- Scaled examples shown are for reference only, and do not necessarily reflect actual site conditions. Detailed site surveys are required prior to fabrication and installation.
- Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

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Snohomish County Parks,
Recreation and Tourism

CLIENT

Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

DOCUMENT ISSUE

Typography

SHEET TITLE

10

SHEET NUMBER

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890&?

ROBOTO BOLD

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890&?

ROBOTO MEDIUM

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890&?

ROBOTO ITALIC

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Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

DOCUMENT ISSUE

Typography

SHEET TITLE

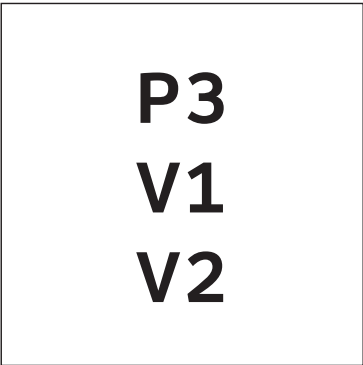
11

SHEET NUMBER



P1 - Paint
Matthews Paint Black Stallion
MP33653, satin finish

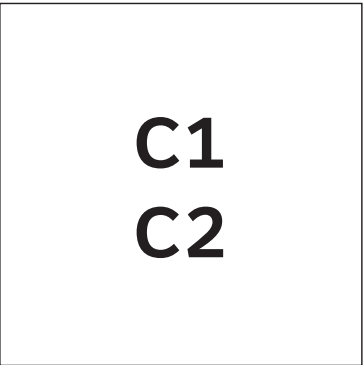
V3 - Reflective Vinyl
3M™ Scotchlite™ Reflective
Graphic Film 680-85



P3 - Paint
Matthews Paint Verizon White
MP27386, Satin Finish

V1 - Digital Reflective Vinyl
3M™ High Intensity Prismatic
Reflective Sheeting 3930DS

V2 - Reflective Vinyl
3M™ Scotchlite™ Reflective
Graphic Film 680-10



C1 - Clear Vinyl Seal
3M™ Electrocut™ Film Series
1170

C2 - Clear Coat Paint
Matthews Paint 42228SP clear
coat, satin finish

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Regulatory Signage

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DOCUMENT ISSUE

Paint and Vinyl

SHEET TITLE

12

SHEET NUMBER



SIGN FAMILY

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1.A Small Regulatory

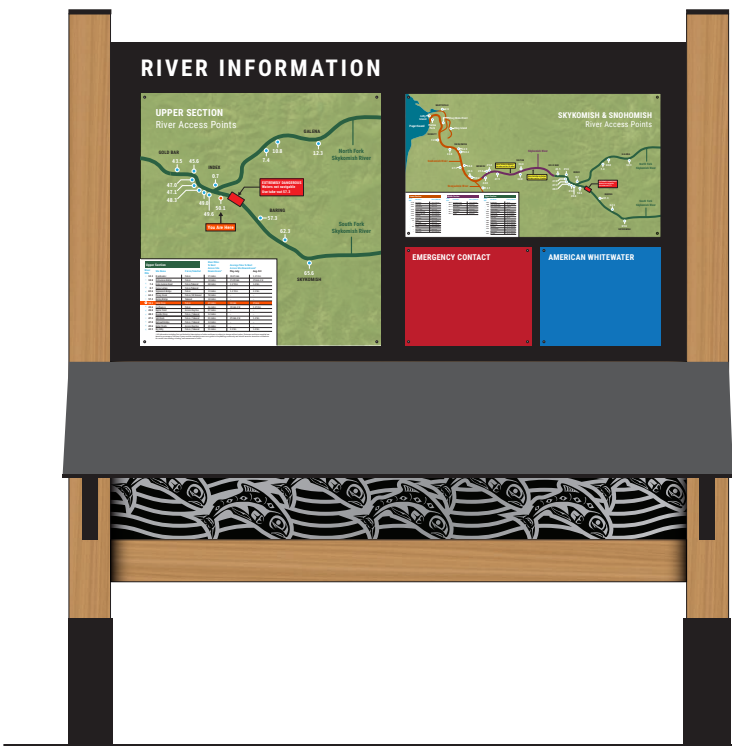
1.B Small Regulatory

2.A Medium Regulatory

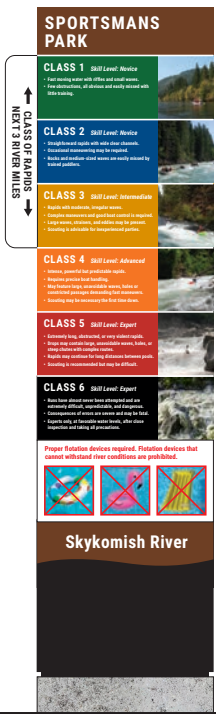
3.A Large Regulatory

4.A 3 Panel Regulatory

4.B 2 Panel Regulatory



5.A/5.B River Information



6.A River Classification



7.A Site Rules & Regulations

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Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

DOCUMENT ISSUE

Sign Family

SHEET TITLE

14

SHEET NUMBER



DESIGN INTENT

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Matthews Paint

- P1, Black Stallion MP33653, satin
- P3, Verizon White MP27386, satin

Vinyl

- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10
- V3 - 3M™ Scotchlite™ Reflective Graphic Film 680-85

Clear Coat

- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP, satin

Snohomish County Parks,
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Regulatory Signage

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DOCUMENT ISSUE

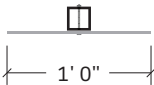
1.A Small Regulatory

SHEET TITLE

16

SHEET NUMBER

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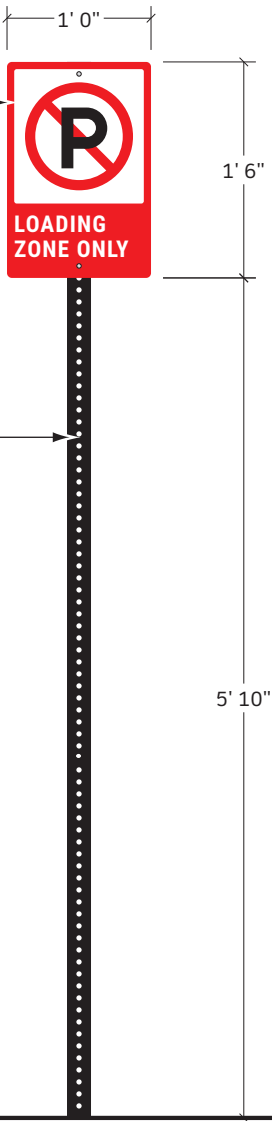
1 | Plan
SCALE: 3/4"= 1'

Sign Panel

1/8" aluminum panel. Graphics digitally printed onto V1 and sealed with C1, apply to sign face. Mechanically attached to the Metal Post. Panel shall be mounted so that the fastener does not puncture the symbol or the copy on the sign.

Metal Post

2" x 2" aluminum square uni-strut painted P1 and C2. Direct bury.



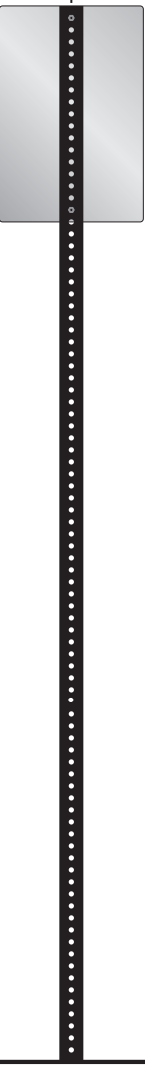
2 | Front Elevation
SCALE: 3/4"= 1'

2"



3 | Side Elevation
SCALE: 3/4"= 1'

C



4 | Rear Elevation
SCALE: 3/4"= 1'

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- V3 - 3M™ Scotchlite™ Reflective Graphic Film 680-85

Clear Coat

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- C2 - Matthews Paint 42228SP, satin

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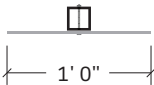
1.B Small Regulatory

SHEET TITLE

17

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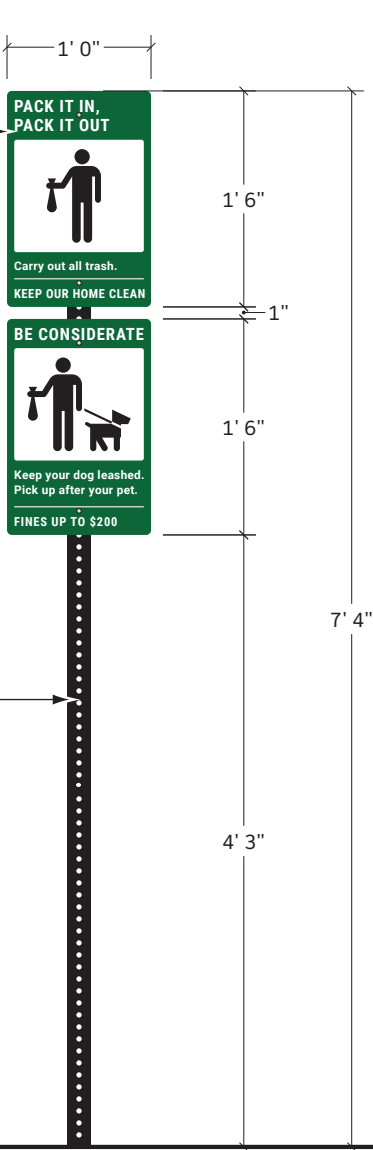
1 | Plan
SCALE: 3/4" = 1'

Sign Panel

1/8" aluminum panel. Graphics digitally printed onto V1 and sealed with C1, apply to sign face. Mechanically attached to the Metal Post. Panel shall be mounted so that the fastener does not puncture the symbol or the copy on the sign.

Metal Post

2" x 2" aluminum square uni-strut painted P1 and C2. Direct bury.



2 | Front Elevation
SCALE: 3/4" = 1'



3 | Side Elevation
SCALE: 3/4" = 1'



4 | Rear Elevation
SCALE: 3/4" = 1'



Sign Message 1



Sign Message 2



Sign Message 3



Sign Message 4



Sign Message 5



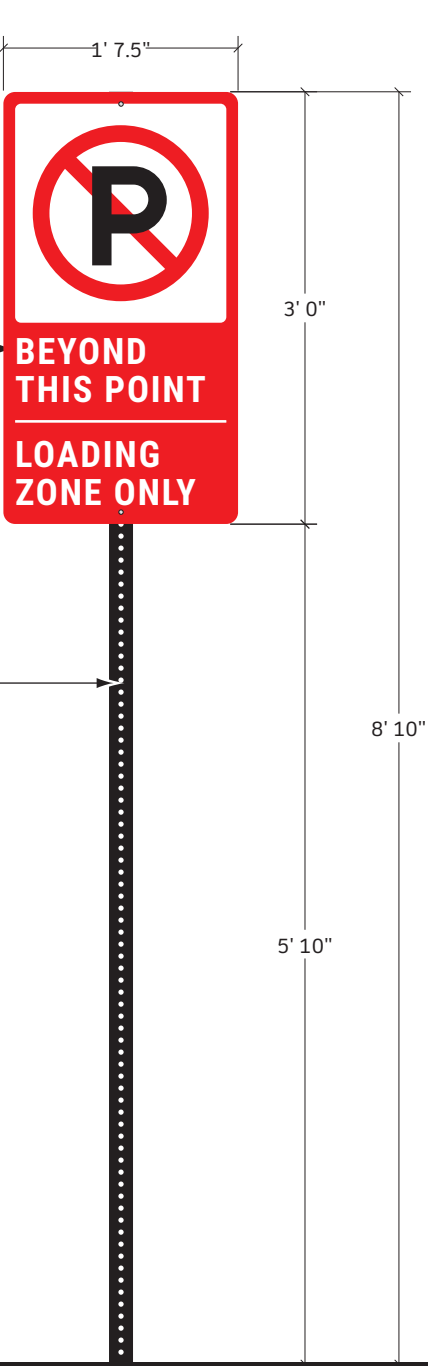
Sign Message 6



Sign Message 7

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1 | Plan
SCALE: 3/4" = 1'



Sign Panel

1/8" aluminum panel. Graphics digitally printed onto V1 and sealed with C1, apply to sign face. Mechanically attached to the Metal Post. Panel shall be mounted so that the fastener does not puncture the symbol or the copy on the sign.

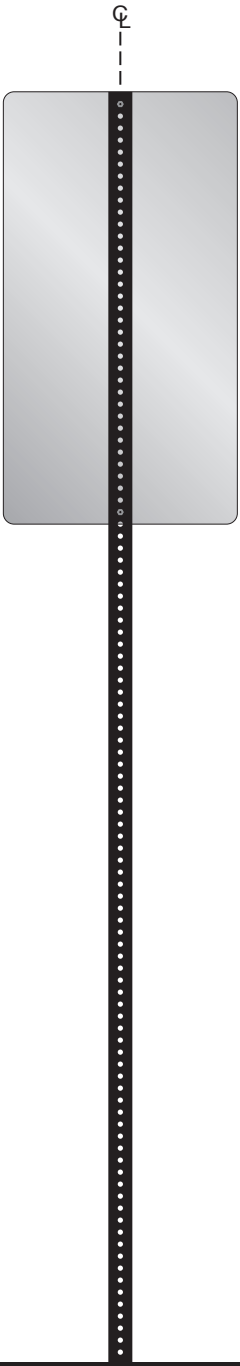
Metal Post

2" x 2" aluminum square uni-strut painted P1 and C2. Direct bury.

3 | Side Elevation
SCALE: 3/4" = 1'



4 | Rear Elevation
SCALE: 3/4" = 1'



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- Messages shown in these drawings are for general reference only. Refer to message schedules for actual required messages.

Matthews Paint

- P1, Black Stallion MP33653, satin
- P3, Verizon White MP27386, satin

Vinyl

- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10
- V3 - 3M™ Scotchlite™ Reflective Graphic Film 680-85

Clear Coat

- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP, satin

Snohomish County Parks,
Recreation and Tourism

CLIENT

Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

DOCUMENT ISSUE

2.A Medium Regulatory

SHEET TITLE

19

SHEET NUMBER



Sign Message 1



Sign Message 2

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Regulatory Signage

PROJECT

27 December 2019

DOCUMENT ISSUE

2.A Medium Regulatory

SHEET TITLE

20

SHEET NUMBER



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Matthews Paint

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Vinyl

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- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10
- V3 - 3M™ Scotchlite™ Reflective Graphic Film 680-85

Clear Coat

- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP, satin

Snohomish County Parks,
Recreation and Tourism

CLIENT

Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

DOCUMENT ISSUE

3.A Large Regulatory

SHEET TITLE

21

SHEET NUMBER



Sign Message 1



Sign Message 2



Sign Message 3

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Snohomish County Parks,
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Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

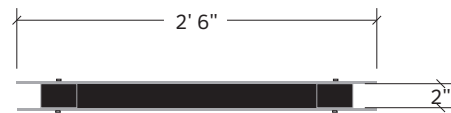
DOCUMENT ISSUE

3.A Large Regulatory

SHEET TITLE

22

SHEET NUMBER



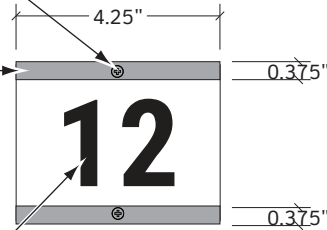
1 | Plan
SCALE: 3/4" = 1'

Tamper-proof
countersunk screw.

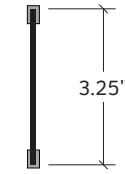
Aluminum Channel
Aluminum channel
from Eagle Mouldings
Part#: E-2726 (3/8"
leg x 1/4" od x 1/8"
id x 1/16" wall)

Number Panel
1/8" high pressure
laminate panel.

3 sets of numbers 1-20
to be fabricated.



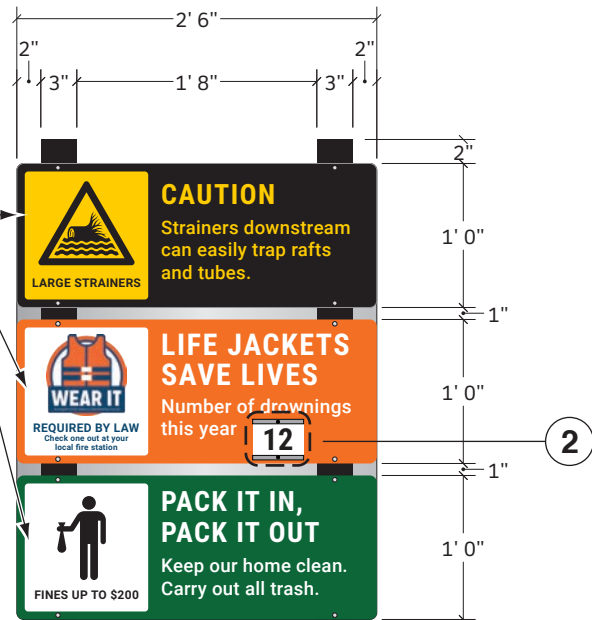
2 | Number Panel Detail
SCALE: 3/4" = 1'



SIDE

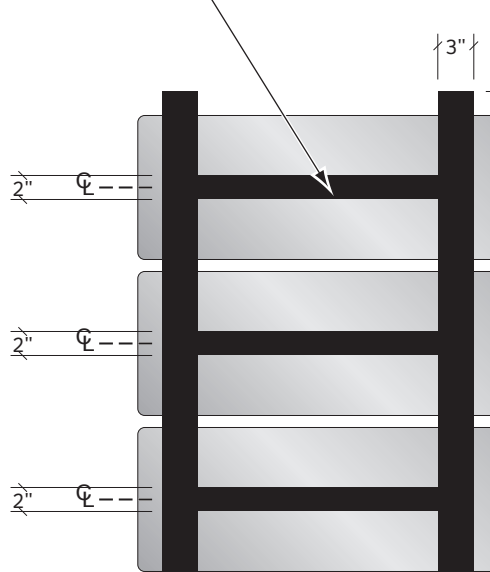
Front Sign Panels
1/8" aluminum panel.
Graphics digitally printed onto
V1 and sealed with C1, apply
to sign face. Mechanically
attached to the Metal Post.
Panel shall be mounted so
that the fastener does not
puncture the graphics and
type on the sign.

Rectangle Metal Posts
3" x 2" x .125" aluminum rectangle
tube painted P1 and C2. Direct bury.



3 | Front Elevation
SCALE: 3/4" = 1'

Square Metal Posts
2" x 2" x .125" aluminum
square tube welded to the
rectangle metal posts. Paint P1
and C2.



4 | Side Elevation
SCALE: 3/4" = 1'

Rear Sign Panel
1/8" aluminum panel. Graphics
digitally printed onto V1 and sealed
with C1, apply to sign face.
Mechanically attached to the Metal
Post. Panel shall be mounted so that
the fastener does not puncture the
graphics and type on the sign.



5 | Rear Elevation without Rear Panel
SCALE: 3/4" = 1'

6 | Rear Elevation with Rear Panel
SCALE: 3/4" = 1'

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Matthews Paint

- P1, Black Stallion MP33653, satin
- P3, Verizon White MP27386, satin

Vinyl

- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10
- V3 - 3M™ Scotchlite™ Reflective Graphic Film 680-85

Clear Coat

- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP, satin

Snohomish County Parks,
Recreation and Tourism

CLIENT

Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

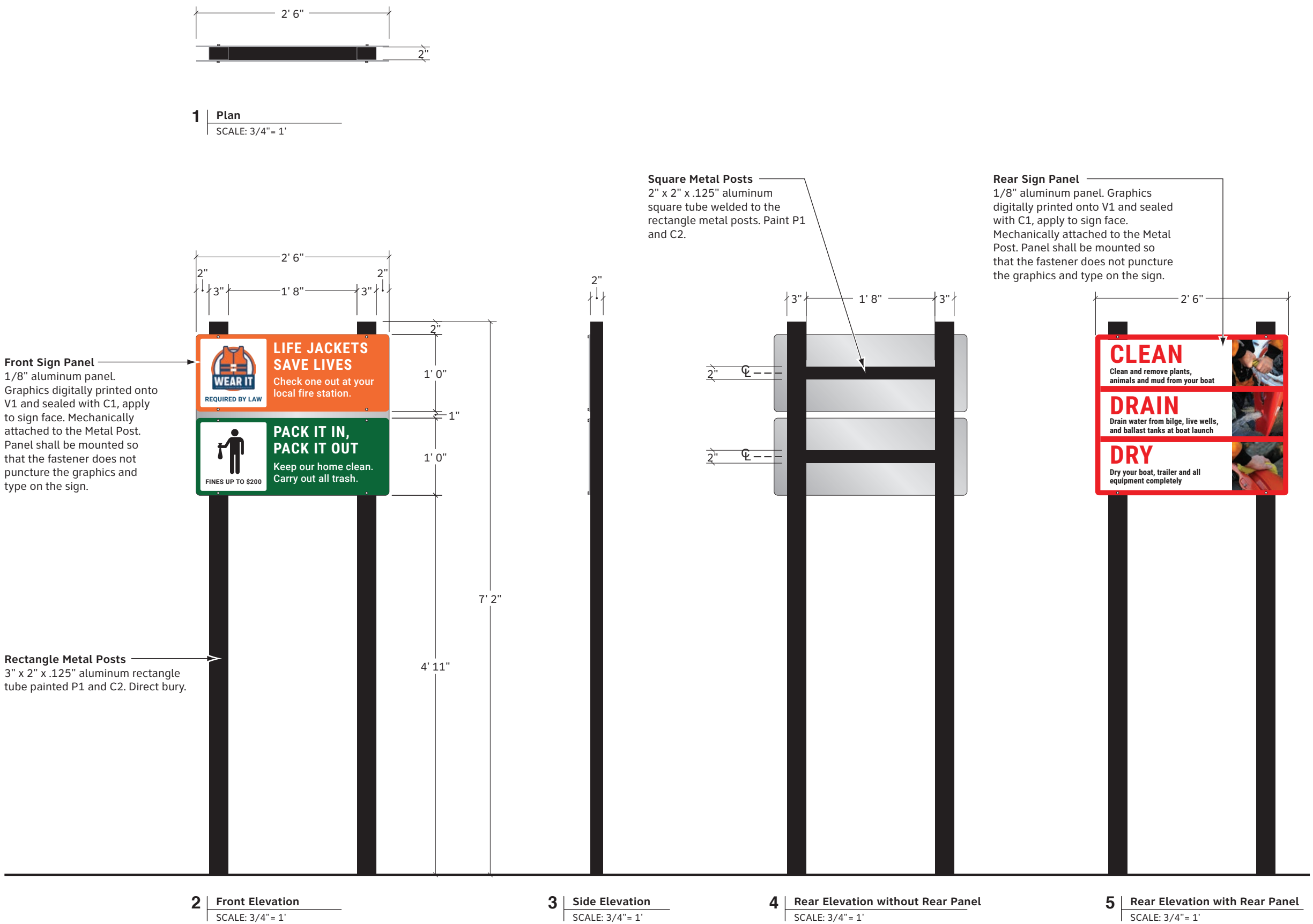
DOCUMENT ISSUE

4.A Multiple Regulatory

SHEET TITLE

23

SHEET NUMBER



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Matthews Paint
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□ P3, Verizon White MP27386, satin

Vinyl
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V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10
V3 - 3M™ Scotchlite™ Reflective Graphic Film 680-85

Clear Coat
C1 - 3M™ Electrocut™ Film Series 1170
C2 - Matthews Paint 42228SP, satin

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DOCUMENT ISSUE

4.B Multiple Regulatory

SHEET TITLE

24

SHEET NUMBER



LARGE STRAINERS

CAUTION

Strainers downstream
can easily trap rafts
and tubes.



FINES UP TO \$200

**PACK IT IN,
PACK IT OUT**

Keep our home clean
Carry out all trash



REQUIRED BY LAW

**LIFE JACKETS
SAVE LIVES**

Check one out at your
local fire station.



RAMP DROP-OFF

CAUTION

Extreme drop-off at
end of the ramp
during low tide.



FINES UP TO \$200

**BE KIND AND
CONSIDERATE**

Keep your dog leashed
Pick up after your pet



REQUIRED BY LAW
Check one out at your
local fire station

**LIFE JACKETS
SAVE LIVES**

Number of drownings
this year **12**



DROWNING DANGER

CAUTION

Swift and cold water
can cause drowning
or injury.



FINES UP TO \$200

**BE KIND AND
RESPONSIBLE**

Clean up after your pet

Life Jacket Messages

Caution Messages

Trash/Pet Messages

CLEAN

Clean and remove plants,
animals and mud from your boat



DRAIN

Drain water from bilge, live wells,
and ballast tanks at boat launch



DRY

Dry your boat, trailer and all
equipment completely



**STOP THE SPREAD OF
INVASIVE SPECIES**

CLEAN

Clean and remove plants,
animals and mud from your boat



DRAIN

Drain water from bilge, live wells,
and ballast tanks at boat launch



DRY

Dry your boat, trailer and all
equipment completely



**STOP THE SPREAD OF
INVASIVE SPECIES**

4.A Clean Drain Dry - Rear Panel

CLEAN

Clean and remove plants,
animals and mud from your boat



DRAIN

Drain water from bilge, live wells,
and ballast tanks at boat launch



DRY

Dry your boat, trailer and all
equipment completely



4.B Clean Drain Dry - Rear Panel

CLEAN

Clean and remove plants,
animals and mud from your boat



DRAIN

Drain water from bilge, live wells,
and ballast tanks at boat launch



DRY

Dry your boat, trailer and all
equipment completely



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Snohomish County Parks,
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CLIENT

Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

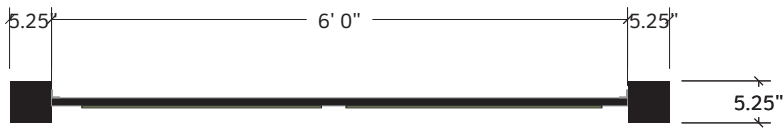
DOCUMENT ISSUE

4.A/4.B Multiple Regulatory

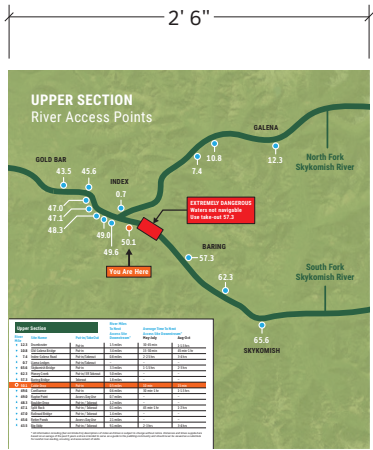
SHEET TITLE

25

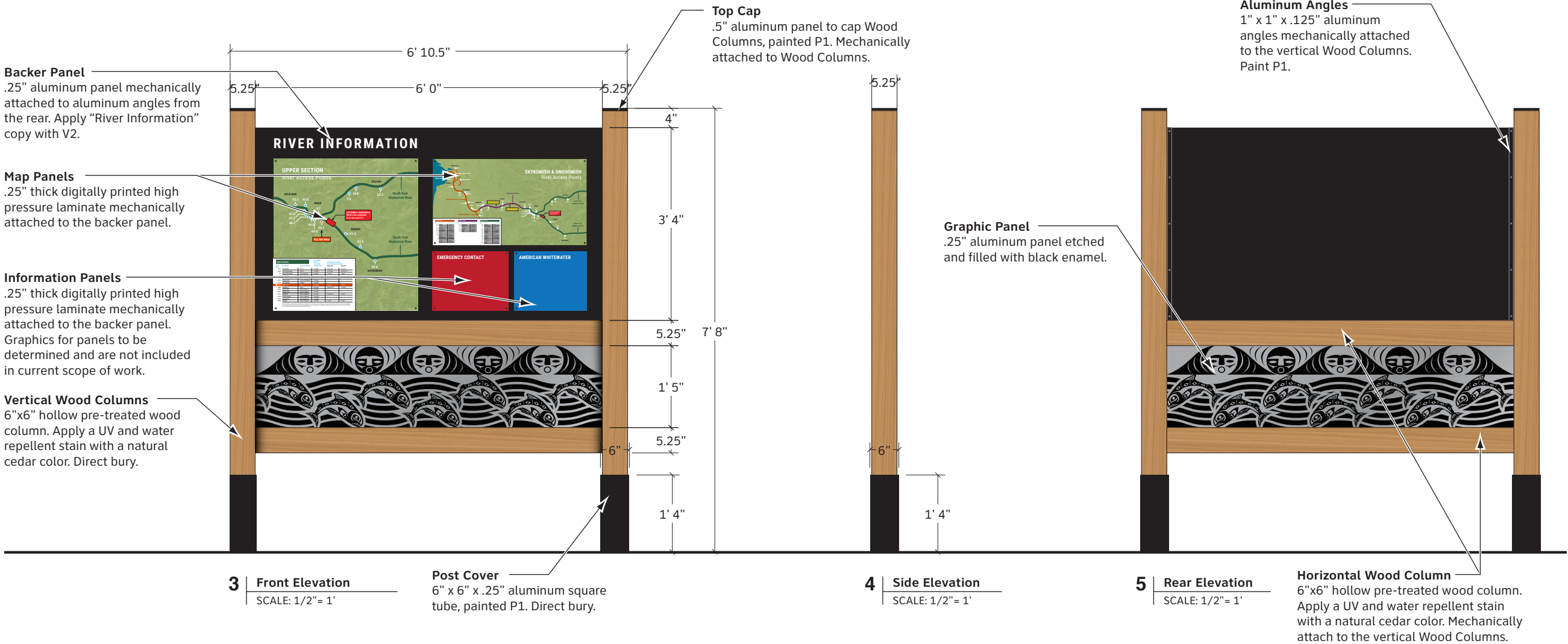
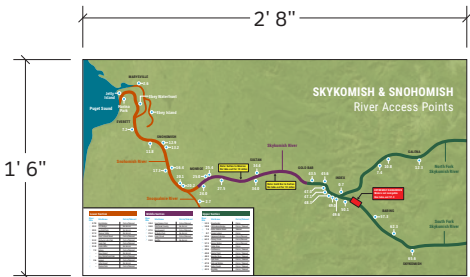
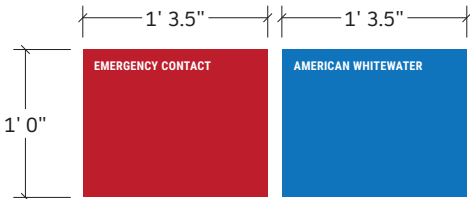
SHEET NUMBER



1 Plan
SCALE: 1/2" = 1'



2 Map & Information Panel Details
SCALE: 3/4" = 1'



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- P3, Verizon White MP27386, satin

Vinyl

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- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10
- V3 - 3M™ Scotchlite™ Reflective Graphic Film 680-85

Clear Coat

- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP, satin

Snohomish County Parks,
Recreation and Tourism

CLIENT

Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

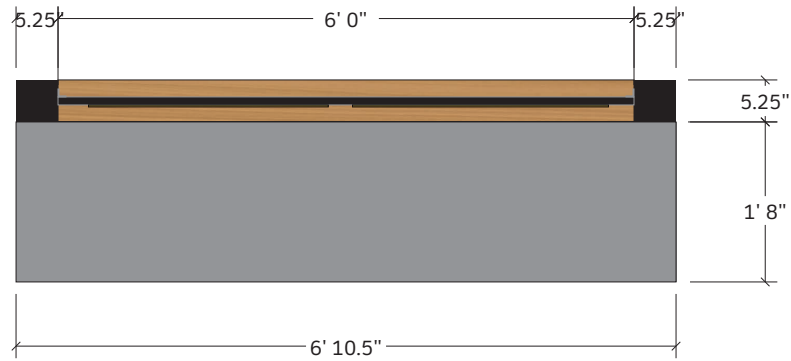
DOCUMENT ISSUE

5.A River Information

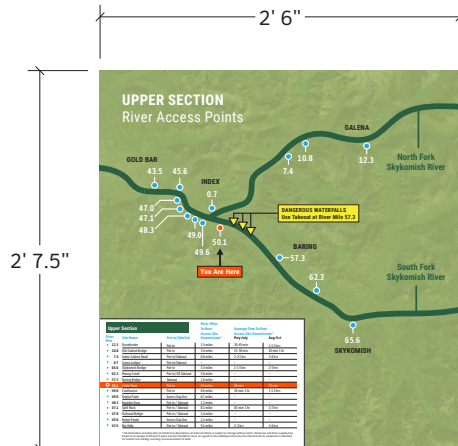
SHEET TITLE

26

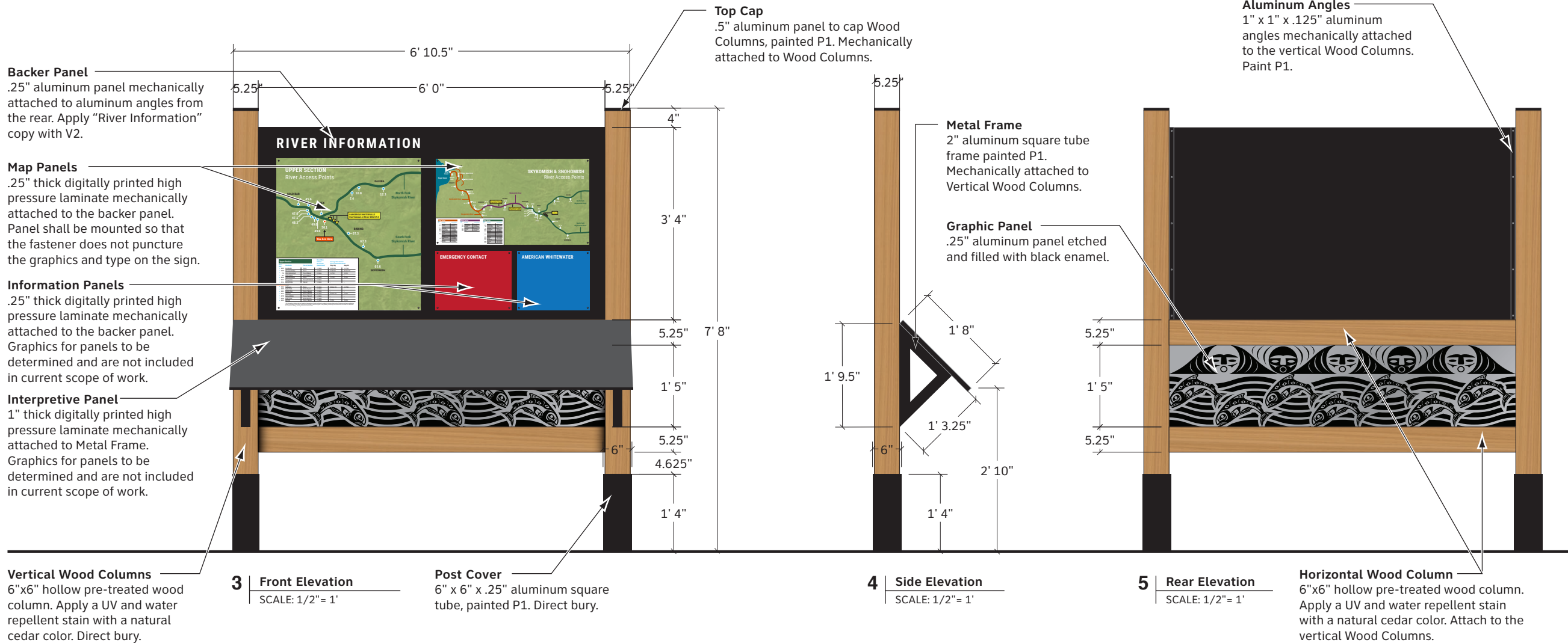
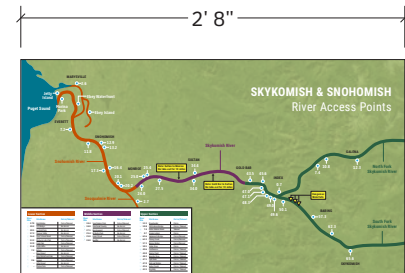
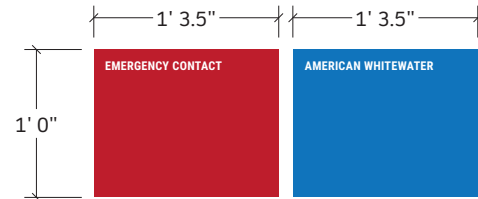
SHEET NUMBER



1 Plan
SCALE: 1/2" = 1'



2 Map & Information Panel Details
SCALE: 3/4" = 1'



3 Front Elevation
SCALE: 1/2" = 1'

4 Side Elevation
SCALE: 1/2" = 1'

5 Rear Elevation
SCALE: 1/2" = 1'

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Vinyl
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V3 - 3M™ Scotchlite™ Reflective Graphic Film 680-85

Clear Coat
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C2 - Matthews Paint 42228SP, satin

Snohomish County Parks,
Recreation and Tourism

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Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

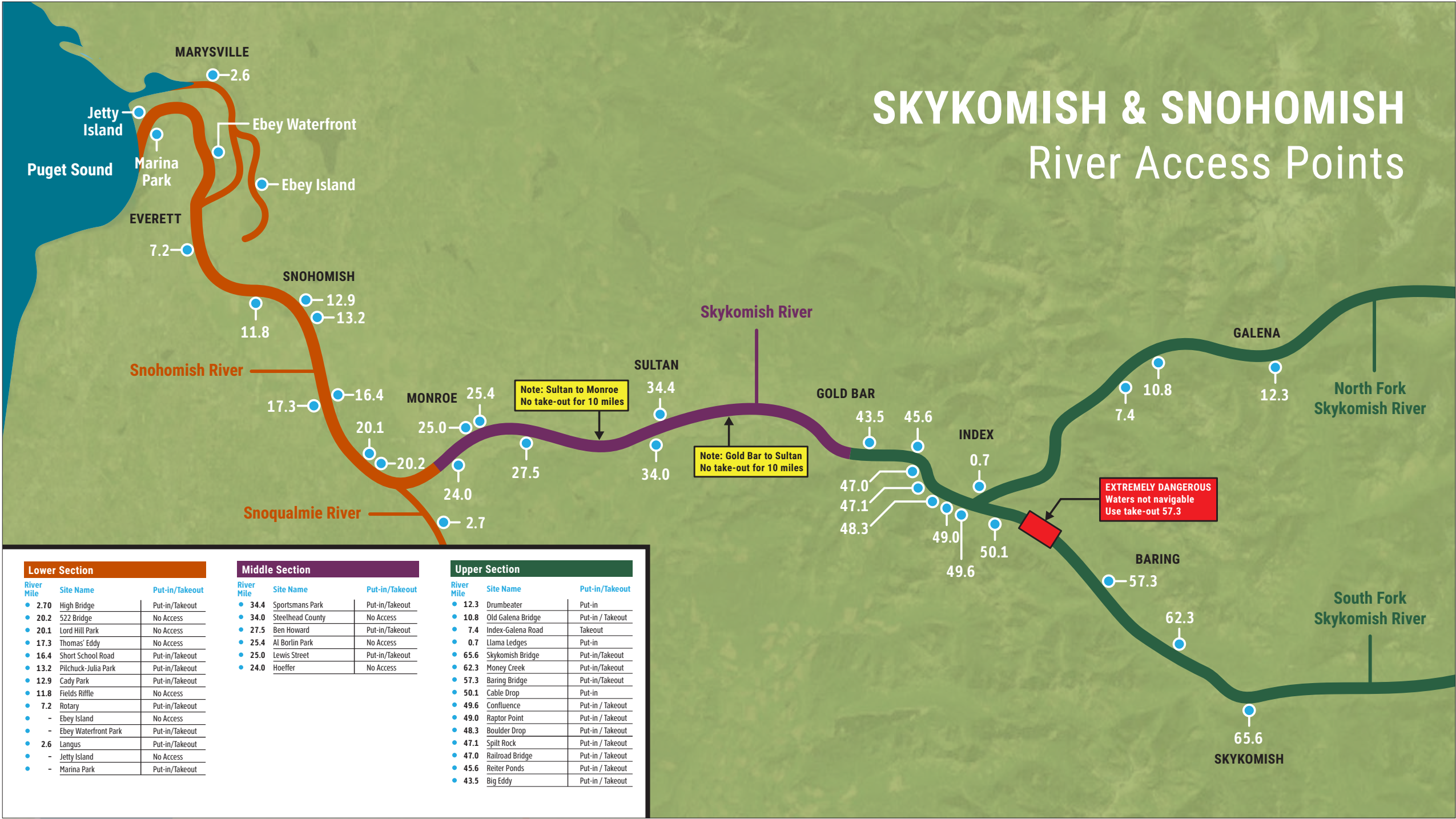
DOCUMENT ISSUE

5.B River Information

SHEET TITLE

27

SHEET NUMBER



NOTE: This map illustrates a concept design that has been created to show all of the access points along the Skykomish/Snohomish Rivers.

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Skykomish-Snohomish River Regulatory Signage

PROJECT

27 December 2019

DOCUMENT ISSUE

5.A/5.B River Information

SHEET TITLE

28

SHEET NUMBER

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Skykomish-Snohomish River
Regulatory Signage

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DOCUMENT ISSUE

5.A/5.B River Information

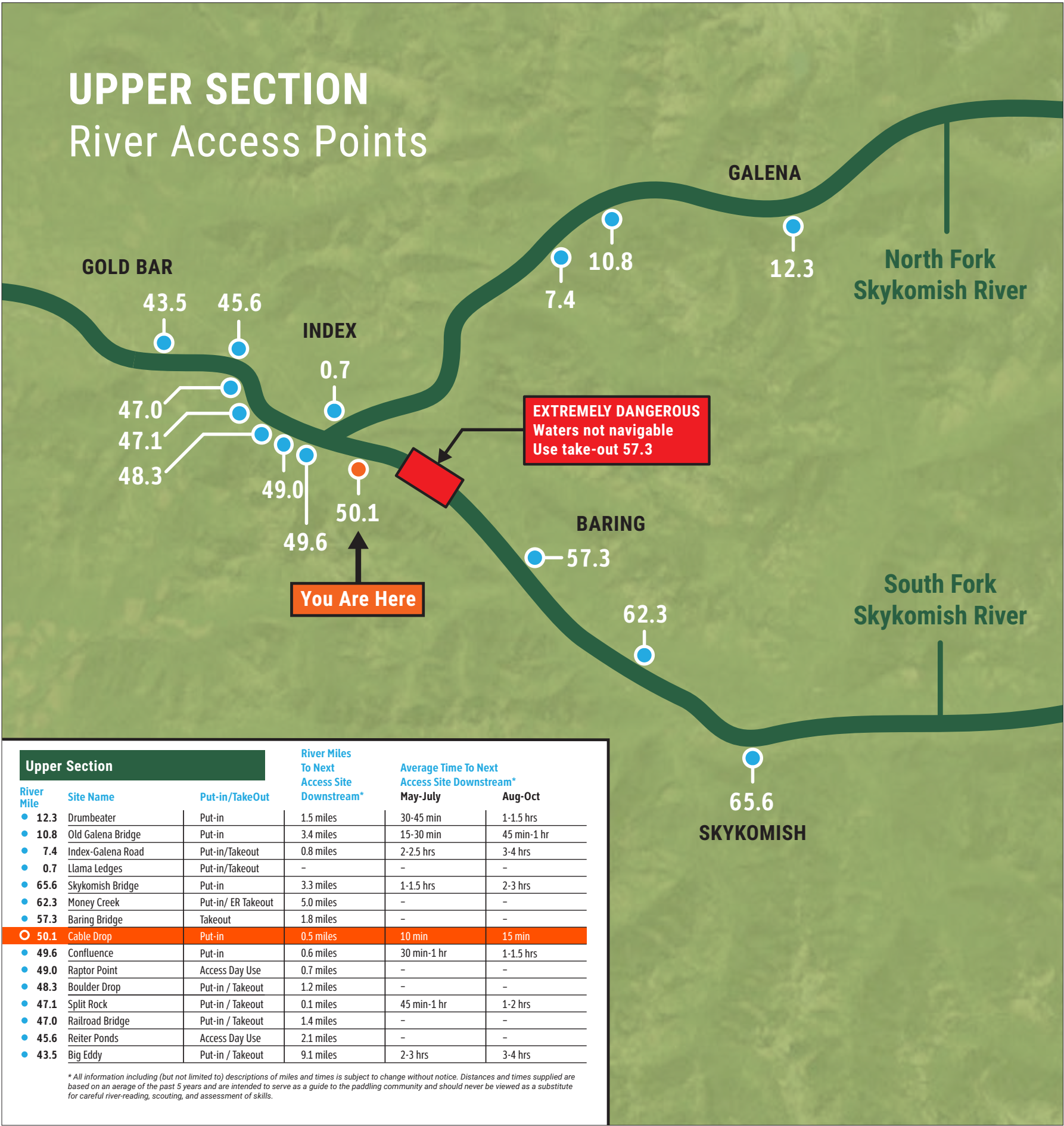
SHEET TITLE

29

SHEET NUMBER

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NOTE: This map illustrates a concept design that has been created for the Upper Section River Access Points. Maps for the Middle and Lower Sections were never designed and are not included in this document, as the design of these maps are not a part of the current project Scope of Work.



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Vinyl

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Clear Coat

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- C2 - Matthews Paint 42228SP, satin

Snohomish County Parks,
Recreation and Tourism

CLIENT

Skykomish-Snohomish River
Regulatory Signage

PROJECT

27 December 2019

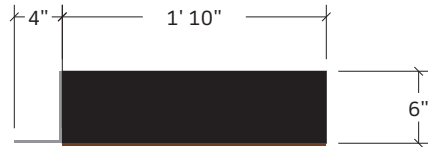
DOCUMENT ISSUE

6.A River Classification

SHEET TITLE

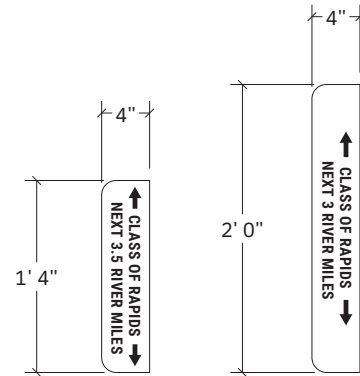
30

SHEET NUMBER



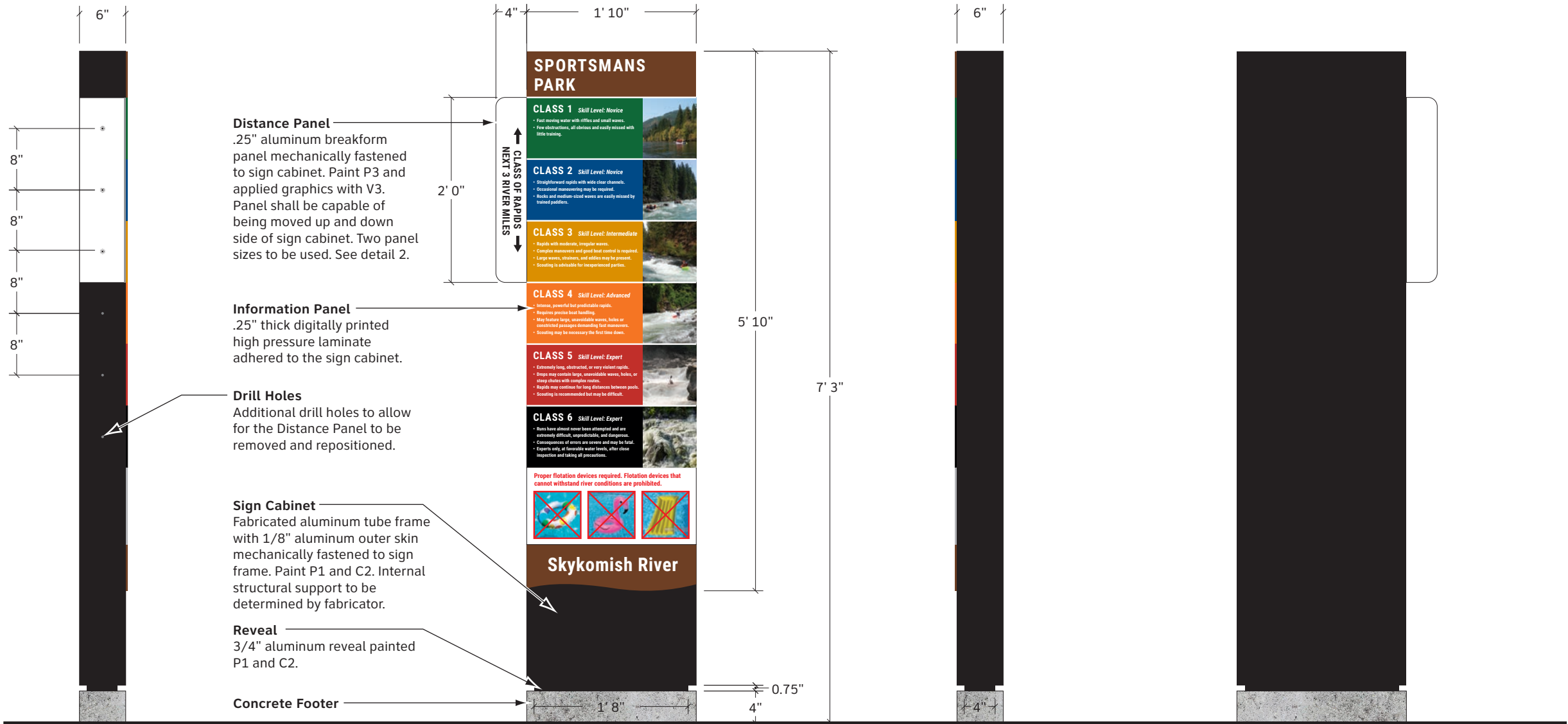
1 Plan

SCALE: 3/4" = 1'



2 Distance Panel Sizes

SCALE: 3/4" = 1'



3 Side Elevation

SCALE: 3/4" = 1'

4 Front Elevation

SCALE: 3/4" = 1'

5 Side Elevation

SCALE: 3/4" = 1'

6 Rear Elevation

SCALE: 3/4" = 1'

↑ CLASS OF RAPIDS ↓
NEXT 3.5 RIVER MILES

CADY PARK

CLASS 1 Skill Level: Novice

- Fast moving water with riffles and small waves.
- Few obstructions, all obvious and easily missed with little training.



CLASS 2 Skill Level: Novice

- Straightforward rapids with wide clear channels.
- Occasional maneuvering may be required.
- Rocks and medium-sized waves are easily missed by trained paddlers.



CLASS 3 Skill Level: Intermediate

- Rapids with moderate, irregular waves.
- Complex maneuvers and good boat control is required.
- Large waves, strainers, and eddies may be present.
- Scouting is advisable for inexperienced parties.



CLASS 4 Skill Level: Advanced

- Intense, powerful but predictable rapids.
- Requires precise boat handling.
- May feature large, unavoidable waves, holes or constricted passages demanding fast maneuvers.
- Scouting may be necessary the first time down.



CLASS 5 Skill Level: Expert

- Extremely long, obstructed, or very violent rapids.
- Drops may contain large, unavoidable waves, holes, or steep chutes with complex routes.
- Rapids may continue for long distances between pools.
- Scouting is recommended but may be difficult.



CLASS 6 Skill Level: Expert

- Runs have almost never been attempted and are extremely difficult, unpredictable, and dangerous.
- Consequences of errors are severe and may be fatal.
- Experts only, at favorable water levels, after close inspection and taking all precautions.



Proper flotation devices required. Flotation devices that cannot withstand river conditions are prohibited.







Snohomish River

Sign Message Example 1

↑ CLASS OF RAPIDS ↓
NEXT 7 RIVER MILES

SPORTSMANS PARK

CLASS 1 Skill Level: Novice

- Fast moving water with riffles and small waves.
- Few obstructions, all obvious and easily missed with little training.



CLASS 2 Skill Level: Novice

- Straightforward rapids with wide clear channels.
- Occasional maneuvering may be required.
- Rocks and medium-sized waves are easily missed by trained paddlers.



CLASS 3 Skill Level: Intermediate

- Rapids with moderate, irregular waves.
- Complex maneuvers and good boat control is required.
- Large waves, strainers, and eddies may be present.
- Scouting is advisable for inexperienced parties.



CLASS 4 Skill Level: Advanced

- Intense, powerful but predictable rapids.
- Requires precise boat handling.
- May feature large, unavoidable waves, holes or constricted passages demanding fast maneuvers.
- Scouting may be necessary the first time down.



CLASS 5 Skill Level: Expert

- Extremely long, obstructed, or very violent rapids.
- Drops may contain large, unavoidable waves, holes, or steep chutes with complex routes.
- Rapids may continue for long distances between pools.
- Scouting is recommended but may be difficult.



CLASS 6 Skill Level: Expert

- Runs have almost never been attempted and are extremely difficult, unpredictable, and dangerous.
- Consequences of errors are severe and may be fatal.
- Experts only, at favorable water levels, after close inspection and taking all precautions.



Proper flotation devices required. Flotation devices that cannot withstand river conditions are prohibited.







Skykomish River

Sign Message Example 2

SIGN TEXT

Class 1 Skill Level: Novice

- Fast moving water with riffles and small waves.
- Few obstructions, all obvious and easily missed with little training.

Photo Credit: American Whitewater

Class 2 Skill Level: Novice

- Straighforward rapids with wide clear channels.
- Occasional maneuvering may be required.
- Rocks and medium-sized waves are easily missed by trained paddlers.

Photo Credit: American Whitewater

Class 3 Skill Level: Intermediate

- Rapids with moderate, irregular waves.
- Complex maneuvers and good boat control is required.
- Large waves, strainers, and eddies may be present.
- Scouting is advisable for inexperienced parties.

Photo Credit: American Whitewater

Class 4 Skill Level: Advanced

- Intense, powerful but predictable rapids.
- Requires precise boat handling.
- May feature large, unavoidable waves, holes or constricted passages demanding fast maneuvers.
- Scouting may be necessary the first time down.

Photo Credit: American Whitewater

Class 5 Skill Level: Expert

- Extremely long, obstructed, or very violent rapids.
- Drops may contain large, unavoidable waves, holes, or steep chutes with complex routes.
- Rapids may continue for long distances between pools.
- Scouting is recommended but may be difficult.

Photo Credit: American Whitewater

Class Level 6 Skill Level: Expert

- Runs have almost never been attempted and are extremely difficult, unpredictable, and dangerous.
- Consequences of errors are severe and may be fatal.
- Experts only, at favorable water levels, after close inspection and taking all precautions.

Photo Credit: Sky Mountain Water Experience

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6.A River Classification

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Matthews Paint

- P1, Black Stallion MP33653, satin
- P3, Verizon White MP27386, satin

Vinyl

- V1 - 3M™ High Intensity Prismatic Reflective Sheeting 3930DS
- V2 - 3M™ Scotchlite™ Reflective Graphic Film 680-10
- V3 - 3M™ Scotchlite™ Reflective Graphic Film 680-85

Clear Coat

- C1 - 3M™ Electrocut™ Film Series 1170
- C2 - Matthews Paint 42228SP, satin

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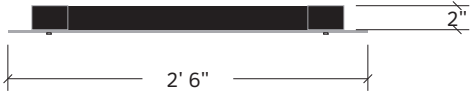
7.A Rules & Regulations

SHEET TITLE

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SHEET NUMBER

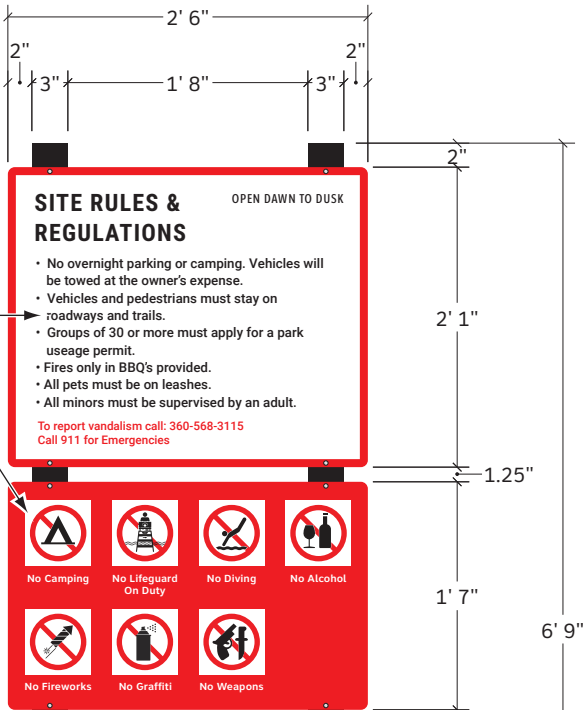
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1 | Plan
SCALE: 3/4" = 1'

Front Sign Panel
.25" aluminum panel. Graphics
digitally printed onto V1 and
sealed with C1, apply to sign
face. Mechanically attached to
Metal Posts.

Metal Posts
3" x 2" x .125" aluminum rectangle
tube painted P1 and C2. Direct bury.



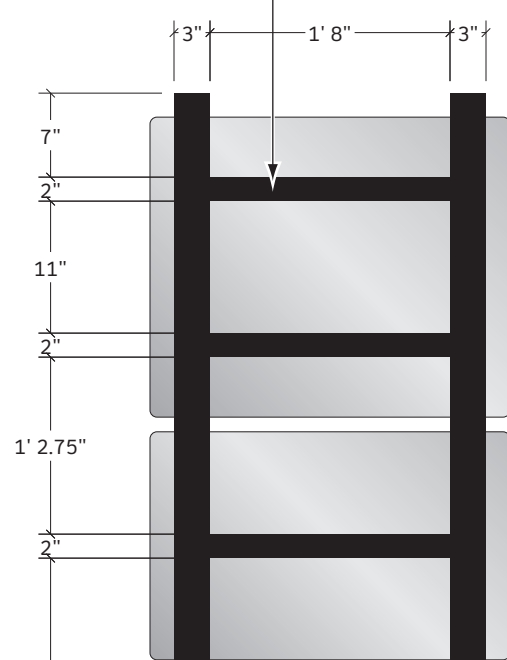
2 | Front Elevation
SCALE: 3/4" = 1'

Rear Sign Panel
.25" aluminum panel. Graphics
digitally printed onto V1 and
sealed with C1, apply to sign
face. Mechanically attached to
Metal Posts.



4 | Rear Elevation
SCALE: 3/4" = 1'

Square Metal Posts
2" x 2" x .125" aluminum
square tube welded to the
rectangle Metal Posts.
Paint P1 and C2.



5 | Rear Elevation
SCALE: 3/4" = 1'

3 | Side Elevation
SCALE: 3/4" = 1'

SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.
- Special events, sporting groups, and public forums must apply for park use permits.
- All minors must be supervised by an adult.

To report vandalism call: 360-568-3115

Call 911 for Emergencies

No Camping

No Fireworks

No Alcohol

No Smoking

No Horses

No Golfing

Cady Park

SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.
- All minors must be supervised by an adult.

To report vandalism call: 360-568-3115

Call 911 for Emergencies

No Camping

No Fireworks

No Alcohol

No Smoking

No Diving

No Lifeguard On Duty

No Animal Feeding

Pilchuck-Julia Park

SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.
- No Discharge of Firearms

Call 911 for Emergencies

No Camping

No Fireworks

No Fires

No Lifeguard On Duty

Lewis Street River Access

SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.
- Groups of 30 or more must apply for a park useage permit.
- All minors must be supervised by an adult.
- Vehicles and pedestraains must stay on roadways and trails.
- Fires only in BBQ's provided.

Call 911 for Emergencies

No Camping

No Fireworks

No Alcohol

No Graffiti

No Horses

No Diving

No Lifeguard On Duty

Al Borlin Park

SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.

Call 911 for Emergencies

No Camping

No Fireworks

No Fires

No Lifeguard On Duty

Ben Howard

SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.
- Special events, sporting groups, and public forums must apply for park use permits.

Call 911 for Emergencies

No Camping

No Alcohol

Sportsmans Park

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SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.
- All minors must be supervised by an adult.
- Fires only in BBQ's provided.
- All pets must be on leashes.
- Do not trespass on private or railroad property.
- No Discharge of Firearms.

Call 911 for Emergencies

No Camping

No Fireworks

No Alcohol

No Smoking

No Horses

No Diving

No Lifeguard On Duty

Big Eddy

SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.
- All minors must be supervised by an adult.

Call 911 for Emergencies

No Camping

No Fireworks

No Fires

No Graffiti

No Diving

No Lifeguard On Duty

No Alcohol

No Smoking

Cable Drop

SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.
- All minors must be supervised by an adult.
- Do not leave valuables unattended in vehicles.
- No Graffiti. Any person against whom a violation is found shall be subject to the maximum fine or penalty allowable by law.

Call 911 for Emergencies

No Camping

No Fireworks

No Fires

No Graffiti

No Diving

No Lifeguard On Duty

No Alcohol

No Smoking

Eagle Falls

SITE RULES & REGULATIONS

OPEN DAWN TO DUSK

- No overnight parking or camping. Vehicles will be towed at the owner's expense.
- All minors must be supervised by an adult.
- No Discharge of Firearms.

Call 911 for Emergencies

No Camping

No Fireworks

No Fires

No Graffiti

No Diving

No Lifeguard On Duty

No Alcohol

No Smoking

Skykomish Bridge

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